

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of the claims in the application:

Listing of Claims:

1 – 56 (Cancelled)

57. (Currently Amended) Method for managing sessions, comprising the ~~step~~ steps of:

denying an init-session request when detecting non-compliance of said init-session request with at least one general policy rule;

denying said init-session request when detecting non-compliance of said init-session request with at least one network policy rule;

denying said init-session request when detecting non-compliance of said init-session request with at least one bandwidth usage policy rule; and

denying said init-session request when detecting that said init-session request requires channels and bandwidth resources which are greater than the available channels and bandwidth resources.

58. (Original) The method according to claim 57, further comprising the step of authorizing said init-session request when said init-session request is not denied.

59 - 64. (Cancelled)

65. (Currently Amended) The method according to claim ~~63~~ 57, further comprising the step of assigning at least one channel and bandwidth within said at least one channel to said init-session request when said init-session request is not denied.

66. (Original) The method according to claim 65, further comprising the step of launching a session associated with said init-session request.

67. (Original) The method according to claim 66, wherein said step of launching comprises the sub procedures of:

- operating an input module receiving said session, according to approved session information;

- operating a switching module switching said session, according to approved session information;

- operating at least one output module through which said session is to be directed, according to approved session information.

68. (Cancelled)

69. (Currently Amended) ~~The A method according to claim 68 further comprising the steps of~~ for managing sessions at a shared area level, comprising:

- denying an init-session request when detecting non-compliance of said init-session request with at least one shared area session policy rule;

- determining if the bandwidth requirement of the session associated with said init session request, is no greater than the available bandwidth within channels of said shared area;

- detecting an additional channel to be assigned to said shared area when said bandwidth requirement are greater than the available bandwidth within said channels of said shared area;
- and

- denying an init-session request when said additional channel can not be detected or when said additional channel can not be added to said shared area.

70. (Original) The method according to claim 69, further comprising the step of assigning an optimal channel to said shared area, from channels of said shared area network.

71. (Original) The method according to claim 70, further comprising the steps of:

- providing session parameters to a channel manager operating said assigned channel;
- detecting a channel readiness information provided by said channel manager; and
- denying said session when said channel readiness information includes a channel non-readiness indication; and

approving said session when said channel readiness information includes a channel readiness indication.

72. (Original) Method for dynamic network restructuring, comprising the steps of:

denying an init-session request when the bandwidth requirement of a session associated with said init-session request, is greater than the available bandwidth within said shared area; and

denying said init-session request when the channel equipment requirement of said session, is unavailable within said shared area.

73. (Original) The method according to claim 70, further comprising the step of allocating channel and bandwidth for said session.

74. (Original) The method according to claim 71, further comprising the step of denying said init-session request when the RF equipment requirement of said session, is unavailable RF equipment within said shared area.

75. (Original) The method according to claim 74, further comprising the step of determining an RF route for said session.

76. (Original) The method according to claim 74, wherein said step of determining said RF route for said session is performed by hardware switching.

77 – 97 (Cancelled)